

Application No.: 10/676060

Docket No.: IIW-032

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A fuel cell comprising:

a plurality of cells;a plurality of separators, wherein two adjacent separators sandwich one of the plurality of cells, and each of the plurality of separators has a terminal protruding from one end of the corresponding separator, the plurality of separators are stacked such that all the terminals are on a same side of a fuel cell stack and protruding from the same side of the fuel cell stack;a processing circuit processing an electrical output signal of each of the plurality of cells composing a the fuel cell stack;a connector connecting said processing circuit with a the plurality of terminals provided extending from a the plurality of separators, wherein the connector includes a plurality of slots enclosing the terminals composing said each cell; anda casing enclosing said processing circuit and said connector.

2. (Currently Amended) A fuel cell, comprising

a plurality of separators being stacked and a terminal extending from one end of each separator; wherein the terminals provided with said plurality of the separators are separated into a plurality of terminal clusters and the terminal clusters are alternately provided on a first side of a fuel cell stack at one side and the other side of said one end; andwherein a plurality of connector modules formed in having a same shape, each of the plurality of connector modules which have each connector portion with a unified connector that connected with each terminal of said one in one of the plurality of terminal clusters, and each a main body portion formed in having a smaller width than the connector portion, wherein the plurality of connector modules are positioned and formed in a same shape are provided to be reversely directed at each other at on said one end the first side of the fuel cell stack.

3. (Currently Amended) A fuel cell comprising:

a fuel cell stack in which including a plurality of clusters of cells, each of said plurality of clusters of cells has with a plurality of cells, wherein the plurality of clusters of cells are being stacked plurally array in a stacked direction;

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~~a sheet form body inserted in between said each cluster of cells;~~
a plurality of separators, wherein each of the plurality of separators has a terminal protruding extending from one end of a the corresponding separator composing said cluster of cells and two adjacent separators sandwich one of the plurality of cells;
one or more sheet form bodies separate and distinct from the plurality of separators, wherein each of the one or more sheet form bodies is inserted in between two adjacent clusters of cells;
and
a connector component provided with each of said plurality of clusters of cells and having a connector connected with the terminals of the separators,
wherein said connector component is fixed on ~~said one of the one or more~~ sheet form bodiesy.

4. (New) The fuel cell of claim 2, wherein the terminal protrudes from the one end of each separator.

5. (New) The fuel cell of claim 4, wherein the unified connector includes a plurality of slots enclosing the terminals.